

Message Text

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ACTION OES-09

INFO OCT-01 AF-10 ISO-00 SOE-02 AID-05 CEA-01 CIAE-00
COME-00 DODE-00 EB-08 DOE-15 H-02 INR-10 INT-05
L-03 NSAE-00 NSC-05 OMB-01 PM-05 ICA-20 SP-02
SS-15 STR-07 TRSE-00 ACDA-12 /138 W
-----095725 250302Z /64

R 241415Z AUG 78
FM AMEMBASSY MASERU
TO SECSTATE WASHDC 9161

UNCLAS MASERU 1842

E.O. 11652: N/A
TAGS: ENRG, TECH, LDC
SUBJECT: COST OF ELECTRICITY PRODUCTION USING CONVENTIONAL ENERGY
SOURCES

REF: STATE 210477,

ANSWERS TO REFTEL AS FOLLOWS:

A. COST OF ELECTRICITY USAGE:

I. PRIVATE RESIDENCE - 8 US CENTS PER KWH FOR FIRST 300; 5 1/2
US CENTS PER KWH THEREAFTER.

II. GOVT. OFFICES, SHOPS, SCHOOLS, CHURCHES, HOSPITALS - 14 1/2 US
CENTS PER KWH FOR FIRST 100; 8 US CENTS PER KWH THEREAFTER.

III. INDUSTRIAL - 8 US CENTS PER KWH FOR FIRST 500; 5 US CENTS
PER KWH THEREAFTER.

B. ADDITIONAL INFORMATION - LESOTHO'S ENTIRE ELECTRICAL NEEDS
ARE SUPPLIED BY THE REPUBLIC OF SOUTH AFRICA, MAINLY FROM THREE
LOCATIONS WHICH AVERAGE ABOUT 90 MILES FROM THE LESOTHO BORDER.
THE CAPITAL COST OF REPLICATING THIS GENERATING EQUIPMENT IN
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LESOTHO (WHICH IS RUN BY COAL) WOULD BE IN THE REGION OF 4.5
MILLION DOLLARS. FOR GAS OPERATION THE CAPITAL COST WOULD BE
6.7 MILLION DOLLARS, AND FOR DIESEL 8.9 MILLION DOLLARS.
THE CAPACITY OF THE SYSTEM IS 15 MEGAWATTS. THE COST OF FUEL TO
SUPPLY LESOTHO'S ANNUAL NEEDS IS AS FOLLOWS:

I. GAS - \$3.7 MILLION

II. DIESEL - \$2.4 MILLION

III. COAL - \$1.6 MILLION.
STOKES

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NNN

Message Attributes

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Disposition Event:
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